Use Attainability Analysis

for

WBID 1648 Quick Creek

Submitted by Missouri Department of Natural Resources Staff

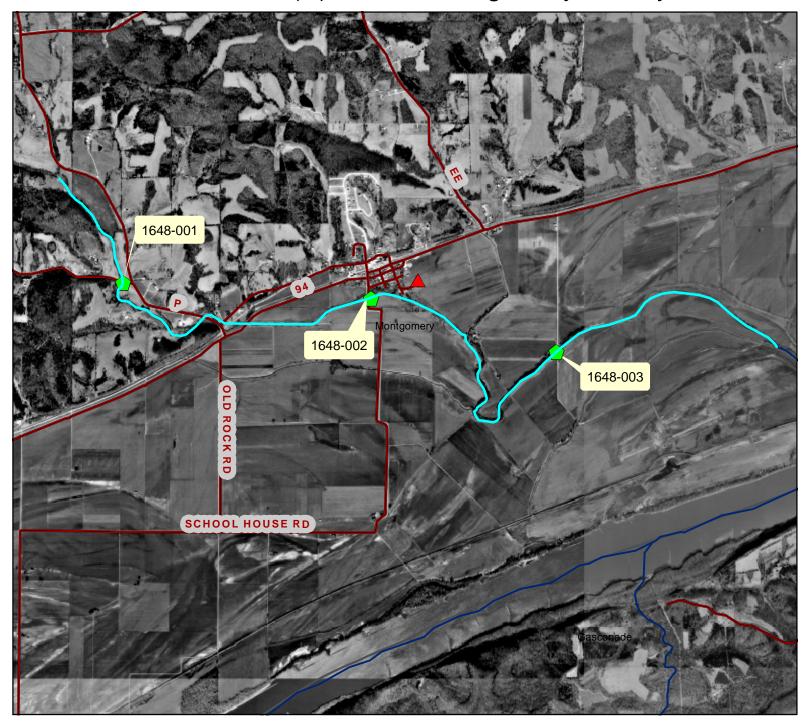
To Missouri Department of Natural Resources Water Protection Program

2007 JUN 29 FR 4: 06

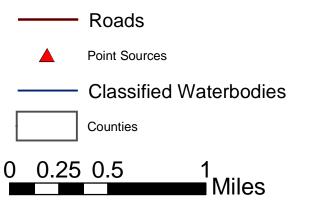
Data Sheet A - Water Body Identification

| Signed: | Date: | 6128(05) | |
|----------|------------|----------|--|
| prenica. | _Dave. | 401×910~ | |

Quick Creek (C) #1648 Montgomery County

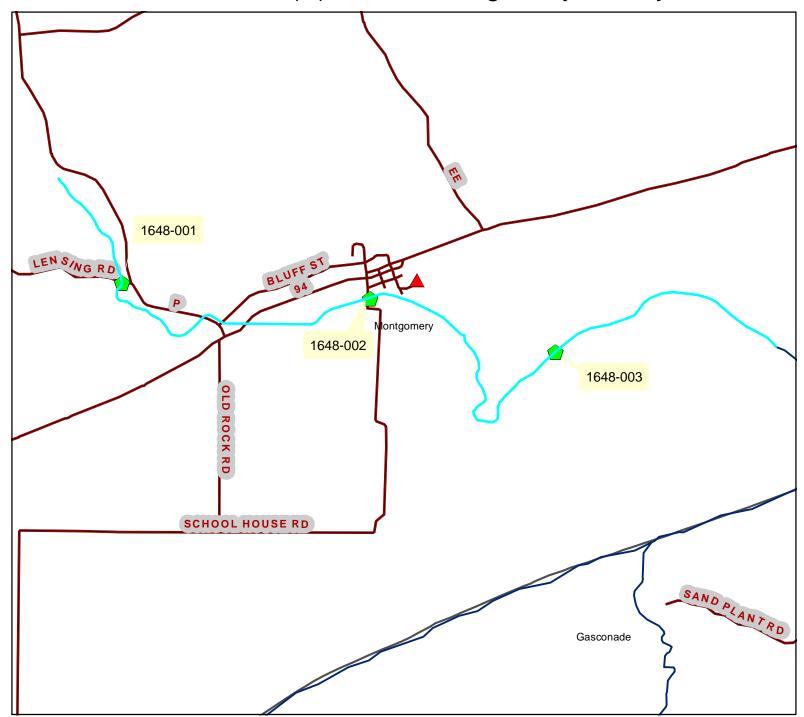


Legend

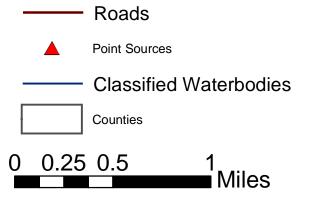




Quick Creek (C) #1648 Montgomery County



Legend





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

| Mi | ssouri WBID#: \64 | 8-01 | | Site Location Des | scription: | |
|----------|--|---|-----------|--|---|--------------------------------|
| Site | e GPS Coordinates: 38 | 71788 -915 | 4155 | LEWSING | SS GS | |
| | ite & Time: 6/23/0 | | | Facility Name: | | |
| | rsonnel: 😓 | | | Permit Number: | | |
| Cu | rrent Weather Conditio | us: Clear | | Weather Condition | ons for Past 7 days: | WR_ |
| Pho | oto Ids: Upstream: | Dow. | nstream: | 100-00a Other | - | |
| | Observed*: | | | | | |
| | Swimming | ☐ Skin diving | 0 | SCUBA diving | ☐ Tubing | ☐ Water skiing |
| | Wind surfing | ☐ Kayaking | | Boating | ☐ Wading | ☐ Rafting |
| | Hunting | ☐ Trapping | | Fishing | ☑ None of the above | □ Other: |
| | | | | | | |
| | _ | S*: (Mark all that p | promote o | r impede recreational u | uses. Attach photos of evider | nce or unusual |
| items o | ounding Condition of interest.) | is*: (Mark ail that p | 1 | r impede recreational u | uses. Attach photos of evider | nce or unusual |
| items o | of interest.) | 1 | □мох | - | 1 | <u> </u> |
| items o | of interest.) City/county parks | ☐ Playgrounds | □мох | C conservation lands | ☐ Urban areas | ☐ Campgrounds ☐ Stairs/walkway |
| items of | of interest.) City/county parks Boating accesses No trespass sign | ☐ Playgrounds ☐ State parks ☐ Fence | □ MIX | C conservation lands | ☐ Urban areas ☐ Nature trails | ☐ Campgrounds ☐ Stairs/walkway |
| Evide | of interest.) City/county parks Boating accesses | ☐ Playgrounds ☐ State parks ☐ Fence | ☐ MDG | C conservation lands | ☐ Urban areas ☐ Nature trails | ☐ Campgrounds ☐ Stairs/walkway |
| Evide | of interest.) City/county parks Boating accesses No trespass sign ence of Human Us | ☐ Playgrounds ☐ State parks ☐ Fence e*: | ☐ MDO | C conservation lands onal forests p slopes | ☐ Urban areas ☐ Nature trails ☐ Other: २००१ - २ | ☐ Campgrounds ☐ Stairs/walkway |

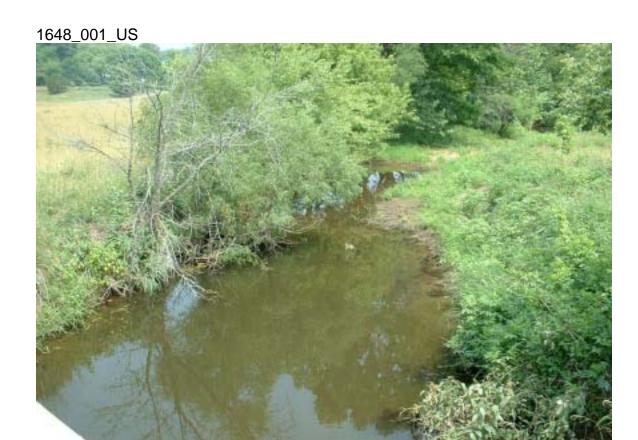
Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Page Two - Data Sheet B for WBID # 1৮৭৪-০০৫

| Stream Morpholo Upstream View | | nensions: | | | | |
|--|---|--|-------------------------|--|---|--|
| | h (ft): | Length (ft): | Avg. Depth (| [ft): | Max, Depth (ft) | |
| P Run Widt | h (ft): a' | ي :Length (ft) | Avg. Depth (| | Max. Depth (ft) | |
| Pool Widt | h(ft): ao' | Lanoth (ft): | Avg. Depth (| | Max. Depth (ft) | <u> U.Ə</u> |
| Flow Prese | | ⊡*No | Estimated (ft | | | |
| Downstream V | iew Physical i | Dimensions | | | | |
| | h (ft): | Length (ft): | Avg. Depth (| ······································ | Max. Depth (ft) | |
| □ Run Widt | h (ft): | Length (ft): | Avg. Depth (| <u> </u> | Max, Depth (ft) | |
| | h (ft): 12' | Length (ft): | So Avg. Depth (| (ft): 1.5 | Max. Depth (ft) | |
| ☑ Flow Press | ent? □ Yes | ⊡ ^N₀ | Estimated (fi | | | |
| Hear 30% | on*: (note amou | J.S. R. D.S. | % Sand 30 | % Silt | % Mud/Clay | % Bedrock |
| Water Character | | | | | | · · · · · · · · · · · · · · · · · · · |
| Color: | □ Sewage | ☐ Musky | ☐ Chemical | ☑ None | Other: | |
| Bottom Deposit: | ☑ Clear | ☐ Green | ☐ Gray | ☐ Milky | Other: | ······································ |
| Surface Deposit: | ☐ Sludge ☐ Qil | ☐ Solids ☑ Soum | ☐ Fine sediments ☐ Foam | ☐ None | ☐ Other: | |
| | | Mane | C Todali | | U Odier. | |
| *This information is necomprehensive undersidecision on the recreation. I, the undersigned datasheet is true Signed: | not to be used sole standing of water tion use analysis d, hereby affin and accurate. | ely for removal of a conditions. Consect that the best of the best | | nation but rather is not intended are analysis or the hat all inform | is to provide a more to directly influence at effect another use nation reported | ea on this UAA |
| Organization: Di | Me - COLL | | Position | 1: 3 Em . E | 1250025 | |



1648_001_DS



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

| - 1 | Missouri WBID#: 164 | ¥-00à | | Site Location De | scription: | |
|------|---|---------------------------------------|-------------------------------|-------------------------------------|---|--------------------------------|
| | Site GPS Coordinates: 38 | 1.71625 -91.0 | 31850 | 1 1 | K/SCT BR | |
| | Date & Time: しつての | 5 1140 6 | | Facility Name: | | |
| | Personnel: | | · | Permit Number: | " " | |
| ı | Current Weather Condition | INS: CLEAR/H | ₽S-V | Weather Conditi | ons for Past 7 days: Cico | , R. |
| ļ | Photo Ids: Upstream: | Down | nstream: | | | |
| Us | es Observed*: | | | | | |
| | ☐ Swimming | ☐ Skin diving | | UBA diving | ☐ Tubing | ☐ Water skiing |
| | ☐ Wind surfing | ☐ Kayaking | □ Bo | ating | □ Wading | ☐ Rafting |
| | . □ Hunting | ☐ Trapping | ☐ Fis | hing | ☑ None of the above | ☐ Other: |
| ļ | | | | | | |
| | rrounding Condition | s*: (Mark all that p | romote or in | npede recreational v | ises. Attach photos of evide: | nce or unusual |
| | • | s*: (Mark ail that p □ Playgrounds | | npede recreational v | uses. Attach photos of evider | nce or unusual |
| | ms of interest.) | | | onservation lands | - | <u> </u> |
| | ms of interest.) City/county parks | ☐ Playgrounds | ☐ MDC co | onservation lands | ☐ Urban areas | ☐ Campgrounds ☐ Stairs/walkway |
| iter | ms of interest.) ☐ City/county parks ☐ Boating accesses | ☐ Playgrounds ☐ State parks ☐ Fence | ☐ MDC co | onservation lands | ☐ Urban areas | ☐ Campgrounds ☐ Stairs/walkway |
| iter | ms of interest.) ☐ City/county parks ☐ Boating accesses ☐ No trespass sign | ☐ Playgrounds ☐ State parks ☐ Fence | ☐ MDC co | onservation lands | ☐ Urban areas | ☐ Campgrounds ☐ Stairs/walkway |
| iter | ms of interest.) City/county parks Boating accesses No trespass sign | ☐ Playgrounds ☐ State parks ☐ Fence | ☐ MDC co ☐ Nationa ☐ Steep sl | onservation lands Il forests opes | ☐ Urban areas ☐ Nature trails ☐ Other: Rewal - C. | ☐ Campgrounds ☐ Stairs/walkway |

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Page Two - Data Sheet B for WBID #_1648-002

Stream Morphology: Upstream View Physical Dimensions: ☐ Riffle Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Width (ft): Length (ft): □ Run Avg. Depth (ft): Max. Depth (ft): Pool Width (ft): יסו Length (ft): Avg. Depth (ft): Max. Depth (ft): 150 เเรี Estimated (ft³/sec): Present? ☐ Yes ☑*No Downstream View Physical Dimensions: Width (ft): Length (ft): □ Riffle Avg. Depth (ft): Max. Depth (ft): Width (ft): Length (ft): □ Run Avg. Depth (ft): Max. Depth (ft): Width (ft): Pool Length (ft): Avg. Depth (ft): Max. Depth (ft): Flow ☑ No Estimated (ft³/sec): Present? ☐ Yes $\mathcal{D}\mathcal{C}$ റ Substrate*: (These values should add up to 100%.) % Cobble % Gravel % Sand 30 % Silt % Mud/Clay % Bedrock Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site) Water Characteristics*: (Mark all that apply.) Odor: ☐ Sewage □ Musky ☐ Chemical None Other: Color: Green ☑ Clear ☐ Gray ☐ Milky □ Other: Bottom Deposit: ☐ Sludge Fine sediments □ Solids ☐ None ☐ Other: Surface Deposit: □ Oil □ Seum ☐ Foam None ☐ Other: Comments: Please attach additional comments (including information from interviews) to this form. *This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate. Signed: Date: 6/27/68 Position: ST Bologest Organization: PAN R- w PP

1648_002_US





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

| Missouri WBID#: 16 | 18 -cox | | Site Location | Description: | |
|---|---------------------|------------------|-------------------|---|-------------------|
| Site GPS Coordinates: | 18-71175 -91 | _500 <i>5</i> \$ | M. Gark | S DR BR | |
| Date & Time: 10/27/0 | , 1900 n | | Facility Name | | |
| Personnel: | <u> </u> | - | Permit Numb | ет: | |
| Current Weather Conditi | ons: Clear | | Weather Cond | ditions for Past 7 days; Cles | aP |
| Photo Ids: Upstream: , c | | vnstream:\c× | aranah Ot | her: | |
| | | | | ······································ | |
| Uses Observed*: | · | - | | | · |
| ☐ Swimming | ☐ Skin diving | SC | CUBA diving | ☐ Tubing | ☐ Water skiing |
| ☐ Wind surfing | ☐ Kayaking | □в | Sating | ☐ Wading | ☐ Rafting |
| | ☐ Trapping | □ Fi | | None of the above oto-documentation of evidence | ☐ Other: |
| Surrounding Condition items of interest,) | 15*; (Mark all that | promote or in | npede recreations | al uses. Attach photos of evide | nce or unusual |
| ☐ City/county parks | ☐ Playgrounds | □ MDC o | onservation lands | Urban areas | ☐ Campgrounds |
| ☐ Boating accesses | ☐ State parks | □ Nationa | l forests | ☐ Nature trails | ☐ Stairs/walkway |
| ☐ No trespass sign | ☐ Fence | ☐ Steep sl | opes | Other: Rural . C | ropland |
| Evidence of Human Us | e*: | | | | • |
| ⊠ Roads | ☐ Foot paths/pri | nts 🗆 | Dock/platform | ☐ Livestock Watering | ☐ RV / ATV Tracks |
| ☐ Rope swings | ☐ Camping Site | s 🗆 | Fire pit/ring | ☐ NPDES Discharge | ☐ Fishing Tackle |
| ☐ Other: | - <u>-</u> - | | | | |
| | | | | | |

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

September 29, 2004

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Page Two - Data Sheet B for WBID # 164৪-০০3:

| Upstream □ Riffle | Width (| p: | Length (ft): | Avg. Depth | (ft): | Max. Depth | (ft): |
|--|--|---|--|---|--|--|---|
| □ Run | Width (| t): | Length (ft): | Avg. Depth | (ft): | Max. Depth | (ft): |
| Pool | Width (| (t): 30 | Length (ft): a | 50' Avg. Depth | (ft): 1' | Max. Depth | (ft): 1.5' |
| ⊌Flow | Present? | | G . № | Estimated (i | ft³/sec): | | , , <u>, , , , , , , , , , , , , , , , , </u> |
| Downstre | am Vie | v Physical | Dimensions: | | | | |
| ☐ Riffle | Width (| t): | Length (ft): | Avg. Depth | (ft): | Max. Depth | (ft): |
| ☐ Run | Width (| t): | Length (ft): | Avg. Depth | (ft): | Max. Depth | (ft): |
| ☑ Pool | Width (| t): 30' | Length (ft): | ాద్ర Avg. Depth | (ft): 1,5' | Max. Depth | (ft): 2.0' |
| Flow | Present? | ☐ Yes | I No | Estimated (| ft³/sec): | | |
| Substrate*: | (These v | alues should a | add up to 100%.) | | | | |
| | 6 Cobble | | 6 Gravel 50 | % Sand 🗦 😊 | % Silt | No % Mud/Clay | % Bedrock |
| 200 | • | • | unt of vegetation or | algal growth at the ass | essment site) | | |
| Firewards | م کور ک | ్ స్ట్రార్ ics*: (Mark | all that apply.) | | | C)ther | |
| Water Char | ှောက် racterist | 2 20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | all that apply.) | □ Chemical | ☑ None | ☐ Other: | |
| Water Char | ခုနှင့် န | ics*: (Mark □ Sewage | all that apply.) | | | ☐ Other: ☐ Other: ☐ Other: | |
| Water Char Odor: Color: | racterist | ics*: (Mark Sewage | all that apply.) Green | ☐ Chemical | ⊠ None □ Milky | ☐ Other: | |
| Water Char Odor: Color: Bottom De Surface De Comments: This informaticomprehensive decision on the | eposit: Please a understan recreation | ics*: (Mark Sewage Clear Oil Itach addition be used solding of water use analysis | all that apply.) Musky Green Solids Scum ional comments lety for removal of a reconditions. Conset but may point to constitute the constitute of the conset but may point to constitute the conset but may point to conset b | ☐ Chemical ☐ Gray ☐ Fine sediments ☐ Foam (including information arccreational use designmently, this information anditions that need further than the conditions that need further tha | ☑ None ☐ Milky ☐ None ☑ None tion from intendention but ratheon is not intendent analysis or | Other: Other: Other: erviews) to this or is to provide a med to directly influthat effect another | ore ence a use. |
| Water Char Odor: Color: Bottom De Surface De Comments: This informaticomprehensive decision on the | eposit: Please a understar recreation signed, | ics*: (Mark Sewage Clear Sludge Oil ttach addition be used solding of water use analysis | all that apply.) Musky Green Solids Scum ional comments lely for removal of a renditions. Conseive that may point to color the best of the color to | ☐ Chemical ☐ Gray ☐ Fine sediments ☐ Foam (including informal a recreational use designmently, this information | ☑ None ☐ Milky ☐ None ☑ None tion from intendention but ratheon is not intendent analysis or | Other: Other: Other: erviews) to this or is to provide a med to directly influthat effect another | ore ence a use. |
| Water Char Odor: Color: Bottom De Surface De Comments: This informaticomprehensive decision on the | eposit: Please a understar recreation signed, | ics*: (Mark Sewage Clear Sludge Oil ttach additt be used solding of water use analysis hereby affit accurate | all that apply.) Musky Green Solids Scum ional comments lely for removal of a renditions. Conseive that may point to color the best of the color to | ☐ Chemical ☐ Gray ☐ Fine sediments ☐ Foam (including information a recreational use designments), this information ditions that need further forms of my knowledge, | ☑ None ☐ Milky ☐ None ☑ None tion from intendention but ratheon is not intendent analysis or | Other: Other: Other: other: to other: | ore ence a use. |

1648_003_US



